

Phil 122 – Winter 2025

Gila Sher

gsher@ucsd.edu

T,Th 5-6:20 PM

Office Hour: Th 2-3 PM

Dept of Phil, room 0482

Topic: Logical Consequence

Prerequisite: Phil 120 or the instructor's permission

Grades: Midterm (1/3), Final (2/3)

Textbook: G. Sher – *Logical Consequence* (Bookstore)

Integrity Requirements in Force

Schedule of Classes & Readings:

- T 1/7 *Introduction to Class*
- Th 1/9 *The Idea of Logical Consequence and other Preparatory Issues:*
Section 1 (pp. 1-4)
- T 1/14 *Tarski's Route from Truth to Logical Consequence:*
Section 2 (Opening), 2.1, 2.2 (pp. 4-8)
- Th 1/16 *Fundamental Adequacy Conditions and Failure of Substitutional Definition:*
2.3, 2.4 (pp. 8-11)
- T 1/21 *The Semantic, Model-Theoretic Definition: 2.5 (pp. 11-21)*
- Th 1/23 *Cont.*
- T 1/28 *Adequacy and Challenges: 2.6 (pp. 21-26)*
- Th 1/30 *Partial Solution to the Necessity and Formality Challenges; Methodology;*
Preparation for Midterm: 3.1, 3.2 (pp. 26-29)
- T 2/4 **Midterm**
- Th 2/6 *General Invariantist Solution to the Logicality Challenge: 3.3 (pp. 29-40)*
- T 2/11 *Cont.*

- Th 2/13 *General Invariantist Solution to the Necessity and Formality Challenges:*
3.4 (pp. 40-45)
- T 2/18 *Philosophical Foundation of Logic and Features of Logical Consequence:*
4.1, 4.2 (pp. 46-51)
- Th 2/20 *The Normativity of Logic; the Status of the Invariance Criterion:*
4.3, 4.4 (pp. 51-54)
- T 2/25 *The Scope of Logic, Bivalence, and the Relation between Logic and Mathematics:*
4.5, 4.6 (pp. 54-60)
- Th 2/27 *Important Metalogical Theorems (including Completeness and Incompleteness);
Confusions concerning Tarski: 4.7, 4.8 (pp. 60-64)*
- T 3/4 *Etchemendy's Criticism of the Semantic Definition of Logical Consequence and
Response: Section 5 (opening), 5.1 (pp. 65-69)*
- Th 3/6 *Field's Criticism of the Semantic Definition of Logical Consequence and
Responses: 5.2 (pp. 69-72)*
- T 3/11 *Criticisms of the Isomorphism-Invariance Criterion of Logicality and Responses:
Section 6 (opening), 6.1, 6.2 (pp. 72-85)*
- Th 3/13 *Cont.; Preparation for Final*